

Non - Slam Check Valve

Water hammer is a common issue with traditional check valves.

When this happens, the disc on the valve slams shut, abruptly stopping the flow, and allowing the effects of water hammer to ensue.

Pressure surges set up potential for ruptured pipes and components, excessive noise and vibration, and damages to pipe supports and flanges.

Non Slam Check Valve are designed to minimize the water hammer.

Production Range

- Available Size : NPS 2" ~ 64"
- Pressure Rating : ASME Class 150 to Class 2,500
- Service Temperature : Up to +500°C
- Available Products : Dual Plate Check Valve, Tilting Check Valve, Axial Check Valve
- Available in Wafer, Lug and Double Flanged Valve
- Materials

Carbon Steel	Duplex Stainless Steel	Special Alloy Steel
ASTM A216 – WCB or Equivalent	ASTM A995 – 1A 2A 4A 5A or Equivalent	Inconel 625 825 or Equivalent Hastelloy C Monel or Equivalent
Alloy Steel	Stainless Steel	
ASTM A217 – WC6 WC9 C5 C12 C12A or Equivalent	ASTM A351 – CF8 CF8M CF3 CF3M CN7M or Equivalent	

Design Standards

- Basic Standards : API 594, API 6D
- Face to Face : ASME B16.10
- End Flange : ASME B16.5, ASME 16.47

